

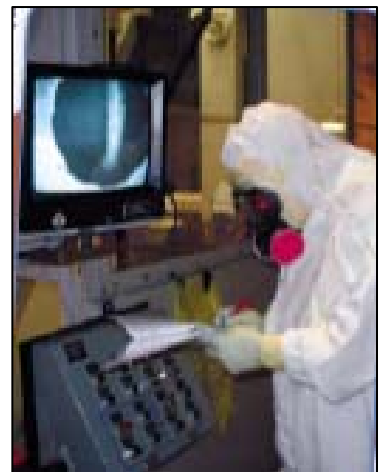
# **Solid Waste Stabilization and Disposition (RL-0013)/Nuclear Facility D&D, River Corridor Closure (RL-0041)/Operate Waste Disposal Facility (RL-0080)/SNF Stabilization and Disposition Storage Ops (HQ-0012X)**

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*Paul Martin accepted the  
ACHMM award for  
Excellence in Hazardous  
Material Management*

*Processing of the first  
cubic meter of NLOP  
Sludge at T Plant was  
completed*



*MCO sampling at the  
Canister Storage  
Building*



## Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition*; RL-0041, *Nuclear Facility D&D, River Corridor Closure*; RL-0080, *Operate Waste Disposal Facility*; and HQ-0012X, *SNF Stabilization and Disposition Storage Operations*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2005.

## Notable Accomplishments

**Spent Nuclear Fuel Sludge Processing:** Treatment of the first cubic meter of North Loadout Pit (NLOP) sludge at T Plant was completed.

**Transuranic (TRU) Waste Program:** One shipment to the Waste Isolation Pilot Plant (WIPP) was completed in November; TRUPACT priority remains at Idaho. A backlog of 169 m<sup>3</sup> (61 payloads) of certified waste was available for shipment as of November 2005 month-end.

**TRU Waste Retrieval:** A total of 64 m<sup>3</sup> of suspect Transuranic (TRU) waste was retrieved in November for a cumulative total of 3,233 m<sup>3</sup>. The 12B Treatability Pilot Project field activities (trenches 17 and 27) were completed.

**Mixed Low Level Waste (MLLW):** During November, 75 m<sup>3</sup> of MLLW were dispositioned for a cumulative total of 4,885 m<sup>3</sup>. Thermal treatment of 4.4 m<sup>3</sup> of MLLW, and macroencapsulation of 70.6 m<sup>3</sup> of retrievably stored MLLW at PEcoS were completed.

## FY 2006 Funds vs. Spend Forecast (\$M)

		Projected FY 2006 Funding	FY 2006 Fiscal Year Spend Forecast	Variance	
RL-0013	Solid Waste Stabilization & Disposition	\$ 162.0	\$ 162.5	\$	-0.5
RL-0041	Nuclear Facility D&D, River Corridor	\$ 2.4	\$ 2.3	\$	0.0
RL-0080	Operate Waste Disposal Facility	\$ 3.4	\$ 3.3	\$	0.0
HQ-0012X	SNF Stabilization & Disposition	\$ 1.8	\$ 1.9	\$	-0.1
Total		\$ 169.6	\$ 170.2	\$	-0.5

## FY 2006 Schedule/Cost Performance (\$M)

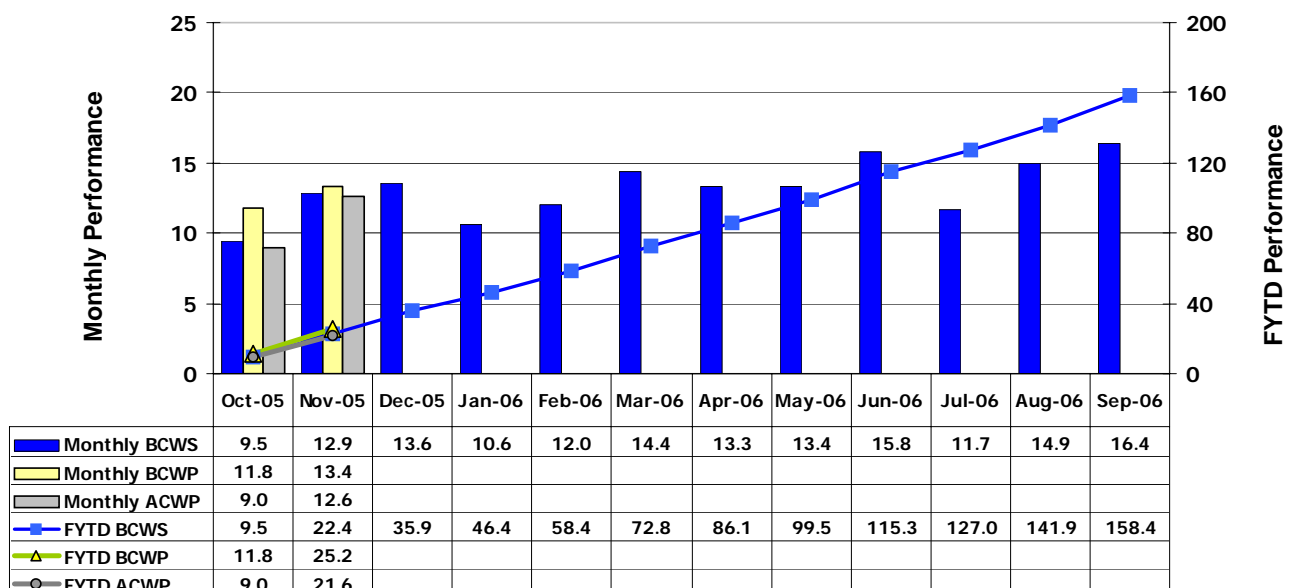
		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0013	Solid Waste Stabilization & Disposition	\$21.5	\$24.3	\$20.9	\$2.8	13.0%	\$3.4	14.0%	\$151.8
RL-0041	Nuclear Facility D&D, River Corridor Closure	\$0.3	\$0.3	\$0.3	\$0.0	0.4%	\$0.0	11.2%	\$2.4
RL-0080	Operate Waste Disposal Facility	\$0.3	\$0.3	\$0.3	\$0.0	0.0%	\$0.1	20.2%	\$2.8
HQ-0012X	SNF Stabilization and Disposition	\$0.2	\$0.2	\$0.1	\$0.0	0.1%	\$0.1	45.2%	\$1.3
<b>Total</b>		<b>\$22.4</b>	<b>\$25.2</b>	<b>\$21.6</b>	<b>\$2.8</b>	<b>11.1%</b>	<b>\$3.6</b>	<b>14.2%</b>	<b>\$158.4</b>

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

**Schedule Performance (\$+2.8M/+11.1%):** The positive schedule variance in RL-0013 is due to TRU waste certification four months ahead of schedule, and Carlsbad Area Field Office approval of previously processed Standard Waste Boxes (SWBs).

**Cost Performance (+\$3.6M/+14.2%):** The cost variance in PBS RL-0013 is due to production efficiencies with higher volumes, and certification of previously processed SWBs.

## Performance Analysis FYTD and Monthly (\$M)



## Milestone Achievement

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comment
M-91-40C (WMG-06-002)	Retrieve a cumulative 2,700 m <sup>3</sup>	TPA	12/31/05	7/21/05		Complete
M-91-42B (WMG-06-013)	Treat a cumulative 3,260 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/05	12/7/04		Complete
M-26-01P	Submit Annual LDR Report	TPA	4/30/06		4/28/06	On Schedule
M-91-45C	Submit Report on Completed and Scheduled work on RH Boxes and LC RH/CH Waste	TPA	9/30/06		9/29/06	On Schedule
M-16-93	Workplan for preparation of TRU/TRUM Waste	TPA	9/30/06		9/29/06	On Schedule
M-91-40D (WMG-07-002)	Retrieve a cumulative 4,700 m <sup>3</sup>	TPA	12/31/06		9/29/06	Ahead of Schedule
M-91-40R (WMG-07-003)	Complete Retrieval of Trench 4, Burial Ground 218-W-4C	TPA	12/31/06		12/29/06	On Schedule
M-91-42C (WMG-07-004)	Treat a cumulative 4,890 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/06		12/29/06	On Schedule
M-91-12	Complete thermal treatment of a cumulative 600 m <sup>3</sup> of CH-MLLW	TPA	11/16/07		11/16/07	On Schedule